

Hollinger Public Blast Report

Blast Pattern: 3292_003
Date: 5-May-21
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 17
Wind Direction: NW
Temperature: 2.4 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	58.0 LAeq	110.8 dB
Edwards:	51.2 LAeq	102.5 dB
Fred:	47.0 LAeq	104.9 dB
Hollinger Office:	60.8 LAeq	109.1 dB
Noah:	62.9 LAeq	105.9 dB
Sandy:	45.5 LAeq	109.7 dB
Water Tower:	52.2 LAeq	115.0 dB
Wilson:	50.0 LAeq	108.8 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.5	8.9	9.2	10.0
Edwards:	4.1	5.2	3.3	7.9
Hollinger Office:	10.7	12.6	2.5	6.9
Sandy:	0.0	0.0	4.2	11.4

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.2	0.5
Edwards:	1.7	3.1
Hollinger Office:	4.8	8.2
Sandy:	15.2	85.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.6	0.2	0.4
Hollinger West:	6.9	1.8	3.6
Imerys:	1.0	0.9	1.4
Noah:	1.8	1.1	1.1
Moneta Pumping Station:	1.2	0.9	1.9
Sandy:	2.2	1.2	3.3
Water Tower:	2.0	1.0	1.9
Wilson:	3.4	3.3	4.0